

02-27-02

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UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)*(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
11675.184.2

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTSBox Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

CHIP PACKAGE WITH GREASE HEAT SINK

and invented by:

Salman AkramIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: 09/387,640

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 27 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications *(if applicable)*
 - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)

a. ☐ Formal Number of Sheets _____
b. ☒ Informal Number of Sheets 12

4. ☒ Oath or Declaration

a. ☐ Newly executed (original or copy) ☐ Unexecuted
b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
c. ☒ With Power of Attorney ☐ Without Power of Attorney
d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (usable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)

7. ☐ Application Data Sheet (See 37 CFR 1.76)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)

a. ☐ Computer Readable Form (CRF)
b. ☐ Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ Paper
c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
☐ First Class ☒ Express Mail (Specify Label No.): EV016318485US

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(Large Entity)

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Accompanying Application Parts (Continued)

17. ☐ Additional Enclosures *(please identify below):*

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
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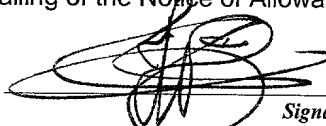
Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	44	- 20 =	24	x \$18.00	\$432.00
Indep. Claims	6	- 3 =	3	x \$84.00	\$252.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$1,424.00

- ☒ A check in the amount of SEE PTO-2038 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Jesus Juanos i Timoneda, Ph. D.
Attorney for Applicant
Reg. No. 43,332

Dated: February 26, 2002



022901

CC: PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Salman Akram**

Docket No.

11675.184.2Serial No.
NOT YET ASSIGNEDFiling Date
February 26, 2002Examiner
NOT YET ASSIGNEDGroup Art Unit
NOT YET ASSIGNEDInvention: **CHIP PACKAGE WITH GREASE HEAT SINK**

I hereby certify that the following correspondence:

Documents as listed below:

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

February 26, 2002*(Date)***022901**

PATENT TRADEMARK OFFICE

Tiffany L. Treadway*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***EV016318485US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

Transmittal Letter (1 pg. in dup); Utility Patent Transmittal (4 pgs.); Patent Application (27 pgs.); Assignment (5 pgs.); Declaration, Power of Atty., & Petition (2 pgs.); 12 Sheets Drawings; PTO-2038; Postcard

**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
11675.184.2

In Re Application Of: **Salman Akram**

Serial No.
NOT YET ASSIGNED

Filing Date
February 26, 2002

Examiner
NOT YET ASSIGNED

Group Art Unit
NOT YET ASSIGNED

Title: **CHIP PACKAGE WITH GREASE HEAT SINK**

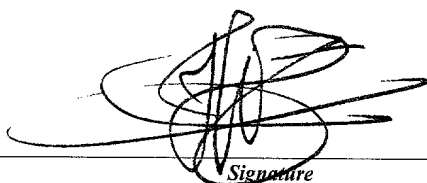
TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

**Transmittal Letter (1 pg. in dup); Utility Patent Transmittal (4 pgs.);
Patent Application (27 pgs.); Assignment (5 pgs.);
Declaration, Power of Atty., & Petition (2 pgs.); 12 Sheets Drawings;
PTO-2038; Certificate of Express Mailing #EV016318485US;
Postcard**

In the above identified application.

- ☐ No additional fee is required.
- ☒ A check in the amount of ~~SEE - PTO-2038~~ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **23-3178** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.


Signature

Dated: **February 26, 2002**

**Jesus Juanos i Timoneda, Ph. D.
Attorney for Applicant
Reg. No. 43,332**



022901

PATENT TRADEMARK OFFICE

CC:

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence